

Product Data Sheet

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Sikagard 62

Sikagard® 62

High-build, protective, solvent-free,
colored epoxy coating

Description	Sikagard 62 is a 2-component, 100% solids, moisture-tolerant epoxy resin. It produces a high-build, protective, dampproofing, and waterproofing vapor-barrier system.
Where to Use	Use as a high build, corrosion-resistant, protective coating. Protective lining for secondary containment structures, or as a seamless flooring system.
Advantages	<ul style="list-style-type: none"> ■ Exceptional tensile strength. ■ Good chemical resistance for long-term protection. ■ Convenient A:B = 1:1 mixing ratio. ■ Easy, paint-like viscosity. ■ Available in 3 standard colors: gray, red, and tan. Special color matches available upon request. ■ Excellent bonding to all common structural substrates. ■ Super abrasion resistance for long-term wear. ■ Sikagard 62, gray, after cure, is approved for contact with potable water.
Coverage	Approximately 150-250 sq. ft./gal. depending on condition of substrate.
Packaging	4-gal. units; 1-qt. units, 12/case.
How to Use	
Surface Preparation	<p>Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove dust, laitance, grease, curing compounds, impregnations, waxes, and any other contaminants.</p> <p>Preparation Work: Concrete - Should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means.</p> <p>Steel - Should be cleaned and prepared thoroughly by blast cleaning.</p>
Mixing	Pre-mix each component. Proportion equal parts by volume of Components 'A' and 'B' into a clean mixing container. Mix with a low-speed (400-600 rpm) drill using a Sika paddle for 3 minutes, until uniform in color.
Application	<p>Apply coating using high-quality roller, brush, or spray. Two coats are recommended. Apply second coat as soon as the first coat is tack-free and the traffic of application will not damage the first coat. The second coat, however, must be applied within 48 hours since a longer delay will require additional surface preparation.</p> <p>Do not spray with Sikagard 62 granules in the coating.</p>

Typical Data (Material and curing conditions @ 73°F (23°C) and 50% R.H.)

Shelf Life	2 years in original, unopened containers.		
Storage Conditions	Store dry at 40°-95°F (4°-35°C). Condition material to 65°-75°F (18°-24°C) before using.		
Color	Gray, red, tan.		
Mixing Ratio	Component 'A' : Component 'B'=1:1 by volume.		
Viscosity	Approximately 2,700 cps.		
Pot Life	Approximately 35 minutes. (60 gram, mass).		
Tack-Free Time	Approximately 4 hours.		
Open Time	Light foot traffic: 5-7 hours. Rubber-wheel traffic: 8-10 hours.		
Immersion and Chemical Exposure	Minimum cure: 3 days		
Tensile Properties (ASTMD-638)			
14 days	Tensile Strength	6,400 psi (44.1 MPa)	
	Elongation at Break	2.7 %	
Abrasion (Taber Abrader)			
7 days	Weight loss, 1,000 cycles (H-22 wheel, 1,000 gm. weight)	0.61 gm.	
Abrasion Resistance (ASTM D-968)			
14 days	Abrasion Coefficient	51 liters/mil.	
Adhesion (ASTM D-3359)			
1 day	Adhesion Classification	4A	
Water Absorption (ASTM D-570)			
7 days	Total Water Absorption (2-hour boil)	0.9%	



Limitations

- Minimum substrate and ambient temperature for application 50°F (10°C).
- Do not apply over wet, glistening surface.
- Material is a vapor barrier after cure.
- Do not apply to porous surfaces exhibiting moisture-vapor transmission during the application. Consult Technical Service.
- Minimum age of concrete prior to application is 21-28 days, depending on curing and drying conditions.
- Do not apply to exterior, on-grade substrates.
- Use oven-dried aggregate only.
- Do not thin with solvents.
- Color may alter due to variations in lighting and/or UV exposure.
- On 'green or 'damp' concrete, EpoCem can be used as a pore filler to reduce vapor drive and potential osmotic blistering.

Caution

Component 'A' - Irritant; Sensitizer - Contains epoxy resin. Can cause sensitization after prolonged or repeated contact. Skin and eye irritant. Vapors may cause respiratory irritation. Use only with adequate ventilation. Use of safety goggles and chemical resistant gloves is recommended. In case of high vapor concentrations, use an appropriate NIOSH/MSHA approved respirator. Remove contaminated clothing. HMIS Hazard Rating: H-2, F-0, R-0, PPE-C.

Component 'B' - Sensitizer - Contains amines. Contact with eyes or skin may cause severe burns. Can cause sensitization after prolonged or repeated contact. Skin and eye irritant. Vapors may cause respiratory irritation. Use only with adequate ventilation. Use of safety goggles and chemical resistant gloves is recommended. In case of high vapor concentrations, use an appropriate NIOSH/MSHA approved respirator. Remove contaminated clothing. HMIS Hazard Rating: H-3, F-0, R-0, PPE-C.

First Aid

In case of skin contact, wash immediately and thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician immediately. For respiratory problems, remove person to fresh air. Wash clothing before re-use.

Clean Up

Ventilate area. Confine spill. Collect with absorbent material. Dispose of in accordance with current, applicable local, state, and federal regulations. Uncured material can be removed with approved solvent. Cured material can only be removed mechanically.

Chemical Resistance

Specimen: Two Coats - 10 mils Total
Cured 10 days
Substrate: asbestos cement

Chemical	Test Temp.	Storage Time and Evaluation				
		1 Day	1 Month	2 Months	6 Months	12 Months
Water	75°F (24°C)	A	A	A	A	A
	100°F (38°C)	A	A	A	A	A
	140°F (60°C)	A	A	A	A, D	A, D
Sodium Chloride Solution (Saturated)	75°F (24°F) 100°F (38°C)	A A	A A	A A	A A	A A
Sodium Hydroxide 30%	75°F (24°C)	A	A	A	A	A
Cement Water (Saturated)	75°F (24°C)	A	A	A	A	A
Detergent Solution (5% Ajax)	75°F (24°C)	A	A	A	A	A
	140°F (60°C)	A	A	A	A, D	A, D
Hydrochloric Acid 10%	75°F (24°C)	A	A	A	A	A
Sulfuric Acid 10%	75°F (24°C)	A	A	A	B	B
Oxalic Acid 10%	75°F (24°C)	A	A, D	A, D	A, D	A, D
Citric Acid 10%	75°F (24°C)	A	A, D	A, D	A, D	A, D
Fuel Oil (Home Heating)	75°F (24°C)	A	A	A	A	A, D
Gasoline (Unleaded)	75°F (24°C)	A	A	A	A	A, D
Iso-Octane	75°F (24°C)	A	A	A	A	A, D
Toluol	75°F (24°C)	A	A	A	A	A, D
Silage	75°F (24°C)	A	A	A, D	A, D	B, D
Synthetic Silage	75°F (24°C)	A	A	B, D	B, D	B, D
Ethyl Alcohol	75°F (24°C)	A	C	-	-	-

A: Resistant in permanent contact
B: Temporary resistance
C: Destroyed
D: Discolored

KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

NO OTHER WARRANTIES EXPRESSED OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKa SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES.

Visit our website at www.sikausa.com

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Quality Certification Numbers: Lyndhurst: 93-062B, Marion: 93-086B, Kansas City: 94-258B, Santa Fe Springs: 94-195C

